

PRELIMINARY LIST OF COMPOUNDS EXCEEDING POTENTIAL ARARS FOR GROUNDWATER

Compound ^a	Potential ARAR ^b		Maximum Detect μg/L	Mean Value	Location of Max Detect	Total No. samples	no. detects	no. sampl
	value, μg/L	ARAR						
MONITORING WELLS								
Aluminum	50	SMCL	140	28	LMW-6	28	7	
Iron	300	SMCL	2230	869	LMW-6	28	28	
Manganese	50 ^d	SMCL ^d	299	163	LMW-7	28	28	
Thallium	0.5	MCLG	2	0.6	LMW-2	28	5	
Total Dissolved Solids	500000	SMCL	780000	470821	LMW-4	28	28	
PRIVATE WELLS								
Aluminum	50	SMCL	2560	77	PW-15	49	15	
Arsenic	5	Method A	19	2.4	PW-8	49	19	
Iron	300	SMCL	5400	371	PW-15	49	36	
Lead	5	Method B	16	1.3	PW-15	49	14	
Manganese	50 ^d	SMCL ^d	416	23	PW-7	49	36	
Thallium	0.5	MCLG	3	0.8	PW-8	49	10	
Bis(2-ethylhexyl)phthalate	6	MCL	6.7	0.7	PW-2	49	2	
pH (pH units) ^c	6.5-8.5	SMCL	9.02 J	7.4	PW-14	49	NA	

^aCompounds exceeding potential ARARs, from Tables 5-3 and 5-4.

^bGroundwater ARARs summarized in Table 4-3.

^cFour values fell below the minimum pH value of 6.5, and six exceeded the maximum pH value of 8.5.

^dBesides a SMCL for manganese of 50 μg/L, there is also a Method B value of 80 μg/L which is exceeded at several locations.

SMCL - Secondary Maximum Contaminant Level (under 40 CFR 143).

MCLG - Maximum Contaminant Level Goal (under 40 CFR 141.50).